This listing of claims will replace all prior versions, and listings, of claims in the application:

Amendments to the Claims:

1. (currently amended)   In a system comprising at least one mobility server, at least one mobile router and a plurality of mobile nodes, a method for local routing between two mobile nodes comprising the steps of:

receiving a first care-of address for a first mobile node;

detecting a mobile router having knowledge of said first care-of address, the mobile router supporting a mobile network and further being capable of changing its point of attachment within or between networks;

determining, based upon at least one condition, that the mobile router is configured to perform local routing of at least one datagram from the first mobile node to a second mobile node that has a second care-of address that is known to the mobile router, without the at least one datagram being tunneled through a mobility server; ~~and~~

instructing said mobile router to perform local routing of at least one datagram between said first mobile node and the second mobile node;

detecting at least one change in local routing for said first mobile node based on a new first care-of address for said first mobile node;

notifying said mobile router of said at least one change in local routing for said first mobile node;

detecting a second mobile router having knowledge of said new first care-of address;

determining, based upon at least one condition, that the second mobile router can perform local routing of at least one datagram for said first mobile node; and

instructing said second mobile router to perform local routing of at least one datagram between said first mobile node and a third mobile node that has a third care-of address that is known to said second mobile router.

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2. (original)   The method of Claim 1, wherein said method is implemented using standard mobile internet protocol.

3. (original)   The method of Claim 1, wherein said first care-of address is included in a registration request from said first mobile node.

4. (previously presented)   The method of Claim 3, wherein said mobile router is instructed to perform local routing via a registration reply responsive to said registration request.

5. (previously presented)   The method of Claim 1, wherein said at least one condition includes at least one of:
    detecting that said mobile router is configured for performing local routing; and
    detecting a need for local routing for said first mobile node.

6. (previously presented)   The method of Claim 1 further comprising communicating to said mobile router at least one local routing condition.

7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (cancelled)

13. (cancelled)

14. (cancelled)

15. (cancelled)

16. (cancelled)

17. (currently amended)   The method of Claim 1 ~~Claim 16~~, wherein ~~said step of~~ performing local routing includes adding said first mobile node to a local routing list.

18. (currently amended)   The method of Claim 1 ~~Claim 16~~, wherein ~~said step of~~ performing local routing includes:

     receiving a first datagram from said first mobile node to said second mobile node;

     determining that said first datagram can be locally routed; and

     locally routing said first datagram from said first mobile node to said second mobile node.

19. (cancelled)

20. (cancelled)

21. (cancelled)

22. (cancelled)

23. (cancelled)

24. (cancelled)

25. (original)   A mobility server configured for performing the method of Claim 1.

26. (cancelled)